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54 **Des-19-leucine, 20-glutamine, 21-threonine, 22-tyrosine-calcitonin.**

57 New peptides are disclosed which have biological activity of the same type as known calcitonins and which do not have a leucine in position 19, a glutamine in position 20, a threonine in position 21, and a tyrosine in position 22. All four amino acids are omitted. Also resin peptides are disclosed which may be converted to peptides having such biological activity; and processes for producing said resin peptides and said calcitonin peptides.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-4 639 511 (R.C. ORLOWSKI et al.) ---		C 07 K 7/36 A 61 K 37/02
A	US-A-4 604 238 (R.C. ORLOWSKI et al.) ---		
A	US-A-4 604 237 (R.C. ORLOWSKI et al.) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24-04-1990	Examiner DEFFNER C-A.E.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			